

6B



Applied Water Shortages by Hydrologic Region with Existing Facilities and Programs

Tables 6B-1 through 6B-4 show applied water shortages by hydrologic region with existing facilities and programs. Water shortages vary widely from region to region. For example, the North Coast and San Francisco Bay Regions are not expected to experience future shortages during average years, but will see shortages in drought years. Most of the State's remaining regions experience average year and drought year shortages now, and are forecasted to experience increased shortages in 2020.

The largest average year shortages are forecasted for the Tulare Lake and South Coast Regions, areas that rely heavily on imported water supplies. Future average year shortages in the Tulare Lake Region reflect groundwater overdraft. Future average year shortages in the South Coast Region reflect forecasted population growth, plus lower Colorado River supplies as California reduces its use of Colorado River water to the State's basic apportionment.

TABLE 6B-1

Applied Water Shortages by Hydrologic Region (taf), 1995-Level Average Year^a

<i>Region</i>	<i>Overdraft</i>	<i>Other</i>	<i>Total</i>
North Coast	0	0	0
San Francisco Bay	0	0	0
Central Coast	214	0	214
South Coast	0	0	0
Sacramento River	33	78	111
San Joaquin River	239	0	239
Tulare Lake	820	50	870
North Lahontan	0	0	0
South Lahontan	89	0	89
Colorado River	69	0	69
Total (rounded)	1,460	130	1,590

^a With existing facilities and programs.

TABLE 6B-2

Applied Water Shortages by Hydrologic Region (taf), 1995-Level Drought Year^a

<i>Region</i>	<i>Overdraft</i>	<i>Other</i>	<i>Total</i>
North Coast	0	177	177
San Francisco Bay	0	349	349
Central Coast	214	68	282
South Coast	0	508	508
Sacramento River	33	834	867
San Joaquin River	239	549	788
Tulare Lake	820	1,042	1,862
North Lahontan	0	128	128
South Lahontan	89	3	92
Colorado River	69	26	95
Total (rounded)	1,460	3,690	5,150

^a With existing facilities and programs.

TABLE 6B-3

Applied Water Shortages by Hydrologic Region (taf), 2020-Level Average Year^a

<i>Region</i>	<i>Overdraft</i>	<i>Other</i>	<i>Total</i>
North Coast	0	0	0
San Francisco Bay	0	0	0
Central Coast	102	70	172
South Coast	0	944	944
Sacramento River	85	0	85
San Joaquin River	63	0	63
Tulare Lake	670	50	720
North Lahontan	0	10	10
South Lahontan	89	181	270
Colorado River	61	86	147
Total (rounded)	1,070	1,340	2,410

^a With existing facilities and programs.

TABLE 6B-4

Applied Water Shortages by Hydrologic Region (taf), 2020-Level Drought Year^a

<i>Region</i>	<i>Overdraft</i>	<i>Other</i>	<i>Total</i>
North Coast	0	194	194
San Francisco Bay	0	287	287
Central Coast	102	168	270
South Coast	0	1,317	1,317
Sacramento River	85	904	989
San Joaquin River	63	648	711
Tulare Lake	670	1,181	1,851
North Lahontan	0	128	128
South Lahontan	89	219	308
Colorado River	61	97	158
Total (rounded)	1,070	5,140	6,210

^a With existing facilities and programs.

